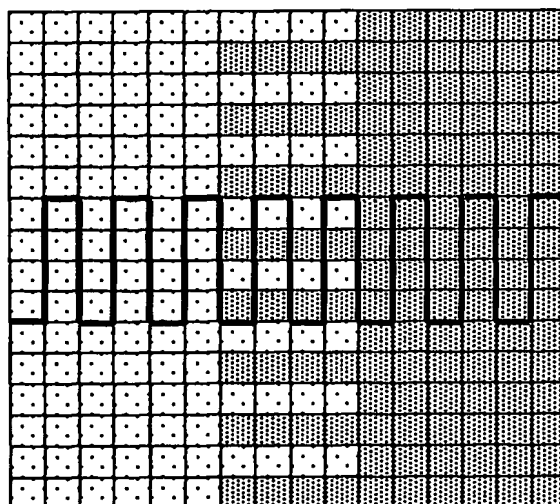(54) Title: METHOD AND DESIGN FOR USING MULTIPLE OUTPUTS OF IMAGE SENSOR



1st (top-left) readout section

2nd (top-right) readout section

3rd (bottom-left) readout section

4th (bottom-right) readout section

(57) Abstract: A method and apparatus for correcting signal differences between at least two adjacent parts of a radiation-sensitive sensor, each containing a contiguous set of radiation-sensitive sites read out through a respective separate electronic processing mean, by increasing the perimeter of the border between the adjacent parts of the sensor read out through separate electronic processing means and using at least one set of adjacent values from each of the adjacent parts to compute a correction to be applied to a signal read out of at least one of the adjacent parts.